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Attorney Docket No.: GM50053

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brown, *et al.* 14 August 2003
Serial No.: 10,009,456 Group Art Unit: 1652
Filed: 05 November 2001 Examiner: David J. Steadman
For: Methods Using Mechanisms Action of AROA
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SECOND SUPPLEMENTAL PRELIMINARY AMENDMENT &
RESPONSE TO RESTRICTION REQUIREMENT UNDER 35 U.S.C. § 121**

Sir:

This paper is in response to the Restriction Requirement dated 15 July 2003 (Paper No. 5) (herein referred to as "the Restriction Requirement"), setting forth a thirty (30) day shortened statutory period for reply. As this response is timely filed within the shortened statutory period for response of thirty (30) days, no fee is required. Please charge any additional requisite fees relating to this amendment and response to Deposit Account No. 19-2570.

The Applicants respectfully request consideration and entry of the following remarks and claim amendments provided herein.

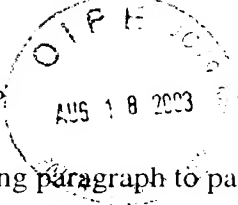
Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Response to Restriction Requirement and Species Election begin on page 3 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Application Serial Number: 10/009,456
File Date: 05 November 2001



Please add the following paragraph to page 1, directly under the Title of the
Invention:

-- CROSS REFERENCE TO RELATED APPLICATION

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This application is a National Stage Application filed under 35 U.S.C. §371 of
PCT/US00/12251, filed 04 May 2001, which claims priority to U.S. Provisional Application
Serial Number 60/133,070, filed 07 May 1999.

The entire contents of each of the foregoing applications are incorporated herein by
reference.--

Restriction Requirement Under 35 U.S.C. § 121

Claims 1-11 are subject to a restriction requirement. Upon review of the Detailed

Action provided by the Examiner, Applicants provisionally elect the subject matter of
Group IX, Claims 34-40, with traverse.

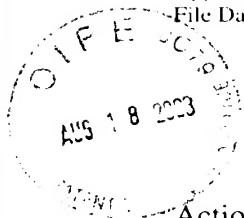
The Applicants reserve the right to prosecute, in one or more patent applications, the canceled claims, the claims to non-elected inventions, the claims as originally filed, and any other claims supported by the specification.

Restriction Requirement Under 35 U.S.C. § 372

Claims 1-40 are subject to a species election of the invention.. Upon review of the Detailed Action provided by the Examiner, Applicants provisionally elect the Group a, the aroA activity of synthesis of p-aminobenzoate, with traverse.

The Applicants reserve the right to prosecute, in one or more patent applications, the canceled claims, the claims to non-elected inventions, the claims as originally filed, and any other claims supported by the specification

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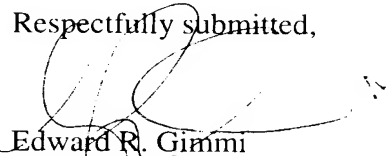
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REMARKS

The Applicants have the specification to include a Cross Reference to Related Application as suggested by the Examiner in paragraph 5 of the "Status of the Application" section of the Restriction Requirement.. No new matter has been introduced by this amendments.

If it would expedite the prosecution of this application, the Examiner is invited to confer with the Applicants' undersigned agent.

Respectfully submitted,


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